

ABSTRACT

The object is to provide an image forming apparatus in which the copy sheet can be transferred with stable velocity and high accuracy even if there is variation in diameter due to machining tolerance. A pair of roller for feeding copy sheet pinching the sheet between the rollers consists of a rigid roller and an elastic roller which is pressed against the rigid roller, and both the rollers are connected by means of a driving mechanism so that the peripheral velocity of both the rollers are essentially equal. The diameter of said elastic roller is determined in the range between the first diameter with which the peripheral velocity of said elastic roller at the depressed part depressed due to the pressing of the elastic roller against the rigid roller without the copy sheet between the rollers coincides with the peripheral velocity of said rigid roller and the second diameter with which the peripheral velocity of the rigid roller assumed to have a diameter increased by the thickness of the copy sheet (rigid roller with increase diameter) coincides with the peripheral velocity of the elastic roller at the depressed part depressed due to the pressing of the elastic roller against said rigid roller with increased diameter without the copy sheet between the rollers.